



1/18

< FOR PATENT APPLICATION#  
08/813,247 >

# APPENDIX

## I

COMPARISON  
between  
conventional method  
and  
invention method

1/15/2001

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Do not enter  
Sst

<u>Conventional method</u> (Operator oriented performance)	<u>Invention method</u> (Higher performance in a blind manner which is supported by the system)
<div data-bbox="186 499 289 548">Input</div> <div data-bbox="196 552 326 579">Sequence</div> <div data-bbox="418 514 537 541">Results</div> <div data-bbox="418 552 651 600">on the <u>display</u></div> <div data-bbox="196 636 217 657">c</div> <div data-bbox="418 640 602 835">           comfort            comfortable                         comparative            compare         </div> <div data-bbox="310 842 613 961">(All the words with c at the head are displayed)</div>	<div data-bbox="755 514 841 562">Input</div> <div data-bbox="755 562 885 590">Sequence</div> <div data-bbox="976 527 1094 554">Results</div> <div data-bbox="976 562 1208 611">on the <u>display</u></div> <div data-bbox="803 667 906 716">Input</div> <div data-bbox="1003 674 1133 722">Display</div> <div data-bbox="813 800 834 821">s</div> <div data-bbox="846 856 889 1052"> </div> <div data-bbox="938 1014 1138 1066">( Relevant words determined )</div> <div data-bbox="813 1119 867 1140">ship</div> <div data-bbox="943 1119 1101 1199">           shipbuilding            shipant            shipping         </div> <div data-bbox="846 1161 867 1255"> </div> <div data-bbox="813 1266 1170 1308">&lt; Selection input afterward &gt;</div> <div data-bbox="813 1329 834 1350">b</div> <div data-bbox="943 1329 1101 1371">- shipbuilding</div> <div data-bbox="813 1371 834 1392">m</div> <div data-bbox="943 1371 1052 1413">- shipant</div> <div data-bbox="813 1413 834 1434">p</div> <div data-bbox="943 1413 1052 1455">- shipping</div> <div data-bbox="1138 1329 1333 1423"> <i>are displayed</i> </div>
<< omitted for the case of input : co, com >>	
<div data-bbox="191 1136 261 1157">comm</div> <div data-bbox="418 1140 500 1161">comma</div> <div data-bbox="418 1171 435 1192"> </div> <div data-bbox="418 1224 565 1255">community</div> <div data-bbox="305 1255 613 1381">(All the words with comm at the head are displayed)</div>	
<div data-bbox="191 1381 272 1402">commo</div> <div data-bbox="418 1388 565 1419">commodity</div> <div data-bbox="418 1430 435 1451"> </div> <div data-bbox="418 1472 565 1503">commotion</div> <div data-bbox="305 1503 597 1629">(All words with commo at the head are displayed)</div>	
<div data-bbox="191 1682 289 1703">commod</div> <div data-bbox="418 1686 565 1717">commodity</div> <div data-bbox="305 1724 727 1818">("commodity" can be selected by the operator)</div>	

Conventional method - Examples

<p>(KBI, without Enter key. Operator must always watch the result on the display <del>always</del>, for the selection of desired word)</p>	<p>(KBI - Abbreviatn., with Enter key. Operator must watch the result of dictionary search, when operator depressed Enter key, for the selection of desired word)</p>								
<table border="1"> <thead> <tr> <th data-bbox="256 667 365 714">Input</th><th data-bbox="462 667 600 714">Display</th></tr> </thead> <tbody> <tr> <td data-bbox="272 756 292 781">c</td><td data-bbox="479 756 649 781">combination   comparison (All the words with "c" at the head are displayed)</td></tr> </tbody> </table>	Input	Display	c	combination   comparison (All the words with "c" at the head are displayed)	<table border="1"> <thead> <tr> <th data-bbox="792 667 885 714">Input</th><th data-bbox="1015 667 1153 714">Display</th></tr> </thead> <tbody> <tr> <td data-bbox="800 756 950 793">com + (E)</td><td data-bbox="998 756 1307 940">(enter) -unknown message- (com is not reg'd) in the abbreviation dictionary in this example)</td></tr> </tbody> </table>	Input	Display	com + (E)	(enter) -unknown message- (com is not reg'd) in the abbreviation dictionary in this example)
Input	Display								
c	combination   comparison (All the words with "c" at the head are displayed)								
Input	Display								
com + (E)	(enter) -unknown message- (com is not reg'd) in the abbreviation dictionary in this example)								
<p>&lt;&lt; omitted for the input of : co, com &gt;&gt;</p>									
<table border="1"> <tbody> <tr> <td data-bbox="280 1071 341 1092">comm</td><td data-bbox="479 1071 568 1092">comma   community (All the words with "comm" at the head are displayed)</td></tr> </tbody> </table>	comm	comma   community (All the words with "comm" at the head are displayed)	<table border="1"> <tbody> <tr> <td data-bbox="800 1071 868 1092">comm</td><td data-bbox="1006 1071 1112 1092">-ditto-</td></tr> </tbody> </table>	comm	-ditto-				
comm	comma   community (All the words with "comm" at the head are displayed)								
comm	-ditto-								
<table border="1"> <tbody> <tr> <td data-bbox="280 1302 357 1323">commo</td><td data-bbox="479 1302 633 1323">commodity   commotion (All the words with "commo" at the head are displayed)</td></tr> </tbody> </table>	commo	commodity   commotion (All the words with "commo" at the head are displayed)	<table border="1"> <tbody> <tr> <td data-bbox="800 1417 950 1455">comp + (E)</td><td data-bbox="1006 1417 1291 1528">commonplace (comp is in the abbrevi. dictionary)</td></tr> </tbody> </table>	comp + (E)	commonplace (comp is in the abbrevi. dictionary)				
commo	commodity   commotion (All the words with "commo" at the head are displayed)								
comp + (E)	commonplace (comp is in the abbrevi. dictionary)								
<table border="1"> <tbody> <tr> <td data-bbox="280 1575 373 1596">commod</td><td data-bbox="479 1575 633 1596">commodity (commodity can be selected by the operator)</td></tr> </tbody> </table>	commod	commodity (commodity can be selected by the operator)	<table border="1"> <tbody> <tr> <td data-bbox="800 1575 966 1612">commun + (E)</td><td data-bbox="1006 1575 1323 1696">communication (commun is in the abbrevi. dictionary)</td></tr> </tbody> </table>	commun + (E)	communication (commun is in the abbrevi. dictionary)				
commod	commodity (commodity can be selected by the operator)								
commun + (E)	communication (commun is in the abbrevi. dictionary)								

!!

# Invention method - Examples

## Case - 1

(KBI, without Enter key.  
Operator does not have  
to watch the result  
on the display)

Input	Display
-------	---------

d	-
differ	-
( Words with the same stem )	
differ	- differ
	- difference
	- different
	- differential
	- differentiate
	- differentiation

## < Examples of selection input afterward >

c	-	difference
or ce		
t	-	different
l	-	differential
te	-	differentiate
n	-	differentiation

ARE  
DISPLAYED

## Case - 2

(KBI - Abbreviatn., without Enter key.  
Operator does not have to watch  
the result on the display)

Input	Display
-------	---------

c	-
comd	commodity
comdt	commodity
↓	
comp	commonplace
compl	commonplace
commwl	commonwealth
cmnwlth	commonwealth
communi	communication

Input characters do not have to be  
registered in the abbreviation word  
dictionary.

Conventional method - Examples

Case - 1

(STROKE input, with a list of characters for the radical specified. The operator must watch the result on the display after depressing Enter key)

Input      Display

Enter

A list of radicals  
(see appendix II)

Select  
(Enter)

--- Move cursor back/forth or up/down to the required position and select(Enter)

(All the characters with the radical selected are displayed)

\*see appendix II

Select  
(Enter)

--- Move cursor back/forth or up/down to the required position and select(Enter)



Case - 2

(STROKE input, with a list of characters for the number of strokes specified. The operator have to watch the result after depressing Enter key)

Input      Display

Enter

A list of the number of strokes of radicals  
(see appendix II)

select

--- Move cursor back/forth or up/down to the required position and select(Enter)

(All the characters with the number of strokes selected are displayed)

\* See appendix II

Select

--- Move cursor back/forth or up/down to the required position and select(Enter)



